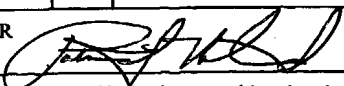


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112309		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Takashi YANAGISAWA and Morinobu ENDO			
				FILING DATE March 18, 2002		GROUP	

31003 U.S. PTO
10/098570
03/18/02

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		Docket: 112298	03/18/02	YANAGISAWA et al.		
		Docket: 112299	03/18/02	YANAGISAWA et al.		
		Docket: 112300	03/18/02	YANAGISAWA et al.		
		Docket: 112301	03/18/02	YANAGISAWA et al.		
		Docket: 112302	03/18/02	YANAGISAWA et al.		
		Docket: 112303	03/18/02	YANAGISAWA et al.		
		Docket: 112305	03/18/02	YANAGISAWA et al.		
		Docket: 112306	03/18/02	YANAGISAWA et al.		
		Docket: 112307	03/18/02	YANAGISAWA et al.		
		Docket: 112308	03/18/02	YANAGISAWA et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER				DATE CONSIDERED		
				3/9/04		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: March 18, 2002

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112309		APPLICATION NO. 10/098,570	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Takashi YANAGISAWA et al.			
				FILING DATE March 18, 2002		GROUP 1714	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
					TECHNOLOGY CENTER 1700	RECEIVED JUL -9 2002	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Endo et al., "Structural characterization of cup-stacked-type nanofibers with an entirely hollow core", APPLIED PHYSICS LETTERS, vol. 80, no. 7, February 18, 2002, pp. 1267-1269.					
		Kim et al., "Effect of ball milling on morphology of cup-stacked carbon nanotubes", CHEMICAL PHYSICS LETTERS, March 2002.					
EXAMINER				DATE CONSIDERED			
				3/9/04			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: July 8, 2002



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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 112309		APPLICATION NO. 10/098,570	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Takashi YANAGISAWA et al.			
				FILING DATE March 18, 2002		GROUP 1714	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
PN	1	EP 0 198 558 A2	10/22/1986	Europe	/	/	
PN	2	EP 1 122 344 A2	08/08/2001	Europe	/	/	
PN	3	EP 0 421 306 A2	04/10/1991	Europe	/	/	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
PN	4	Endo et al., "Structural characterization of cup-stacked nanofibers with an entirely hollow core," APPLIED PHYSICS LETTERS, Vol. 80, No. 7, February 18, 2002, pp. 1267-1269. (Filed with IDS submitted on July 8, 2002).					
PN	5	Terrones et al., "Graphitic cones in palladium catalysed carbon nanofibres," CHEMICAL PHYSICS LETTERS, Vol. 343, August 3, 2001, pp. 241-250.					
PN	6	Endo et al., "Pyrolytic Carbon Nanotubes from Vapor-Grown Carbon Fibers," CARBON, ELSEVIER SCIENCE PUBLISHING, New York, NY, Vol. 33, No. 7, 1995, pp. 873-881.					
EXAMINER 				DATE CONSIDERED 3/9/04			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: March 19, 2003